

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Boulder, Colorado 80537-0599

PATENT APPLICATION 1600  
ATTORNEY DOCKET NO. 10990616-1



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

AUG 03 2001

Batch No.: N/A

TECH CENTER 1600/2900

Inventor(s): Christopher A. Schantz et al.

Serial No.: 09/558,532

Examiner: Ardin H. Marschel

Filing Date: April 26, 2000

Group Art Unit: 1631

Title: ARRAY FABRICATION WITH DROP DETECTION

H4  
Plunkett  
8/7/01

OFFICIAL DRAFTSPERSON  
Drawing Processing Branch  
Washington, D.C. 20231

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

- ( ) \_\_\_\_\_ sheets of redlined drawing(s) which indicate proposed changes to the drawing(s). Upon approval of these proposed changes, formal drawing(s) will be submitted.
- ( ) \_\_\_\_\_ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated \_\_\_\_\_.
- ( ) \_\_\_\_\_ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) and approved in the Notice of Allowability dated \_\_\_\_\_.
- ( ) \_\_\_\_\_ sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.
- (X) 4 \_\_\_\_\_ sheets of formal drawings as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Restriction Requirement dated 6/27/01.

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has been added.

Respectfully submitted,

Christopher A. Schantz et al.

By 

Gordon Stewart

Attorney/Agent for Applicant(s)

Reg. No. 30,528

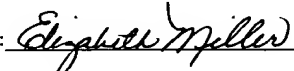
Date: July 27, 2001

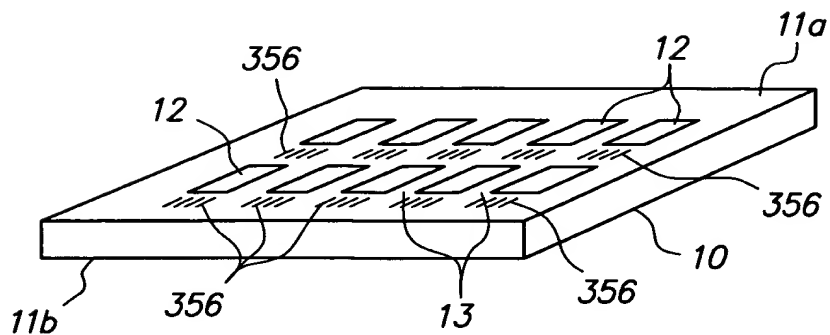
Telephone No.: (650) 485-2386

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

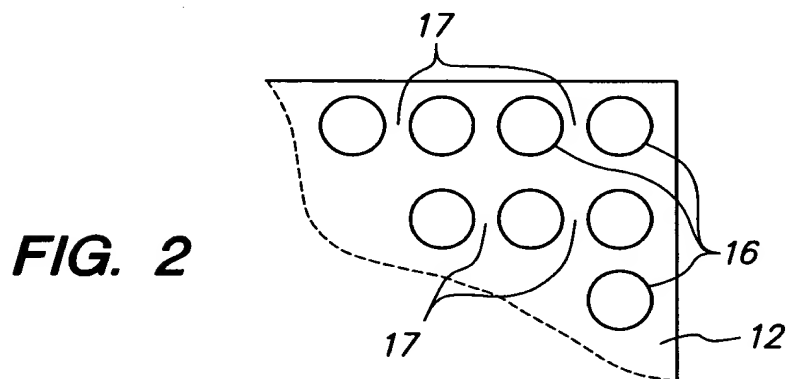
Date of Deposit: July 27, 2001

Typed Name: Elizabeth Miller

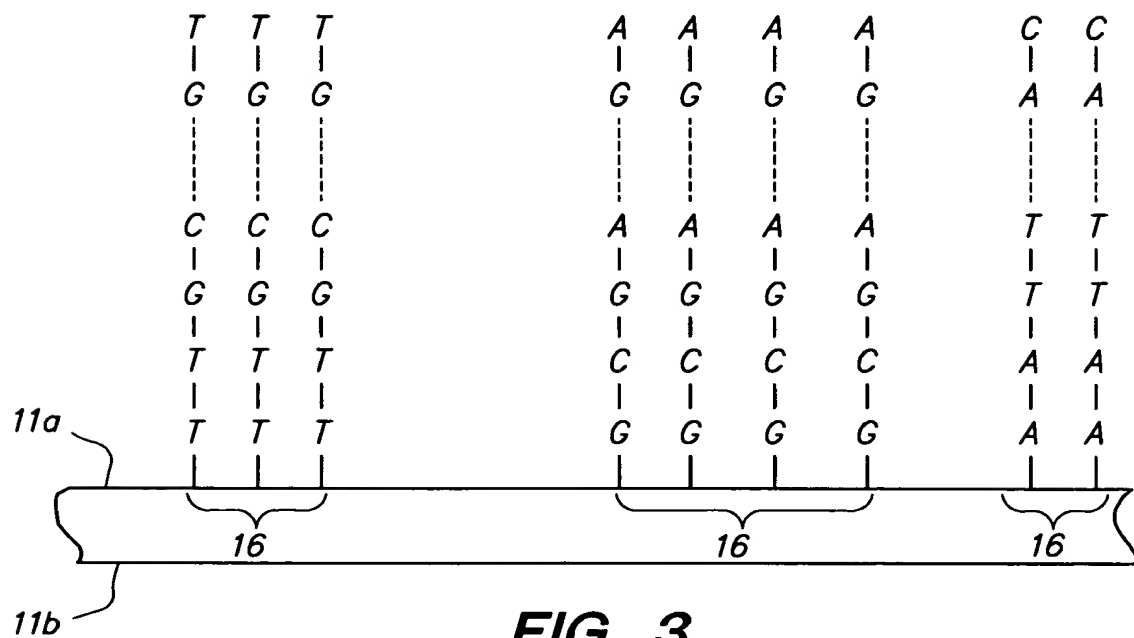
Signature: 



**FIG. 1**



**FIG. 2**



**FIG. 3**

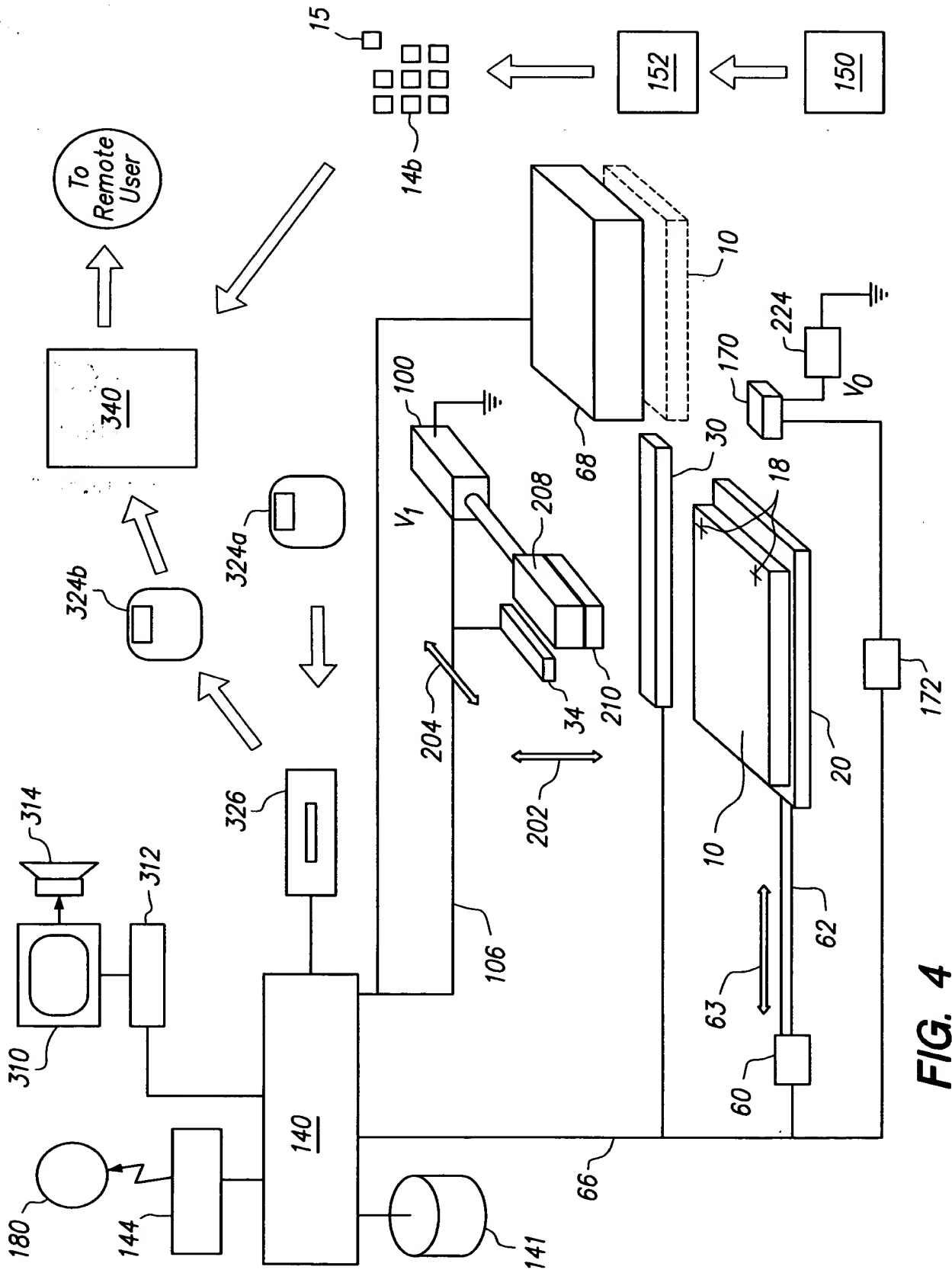
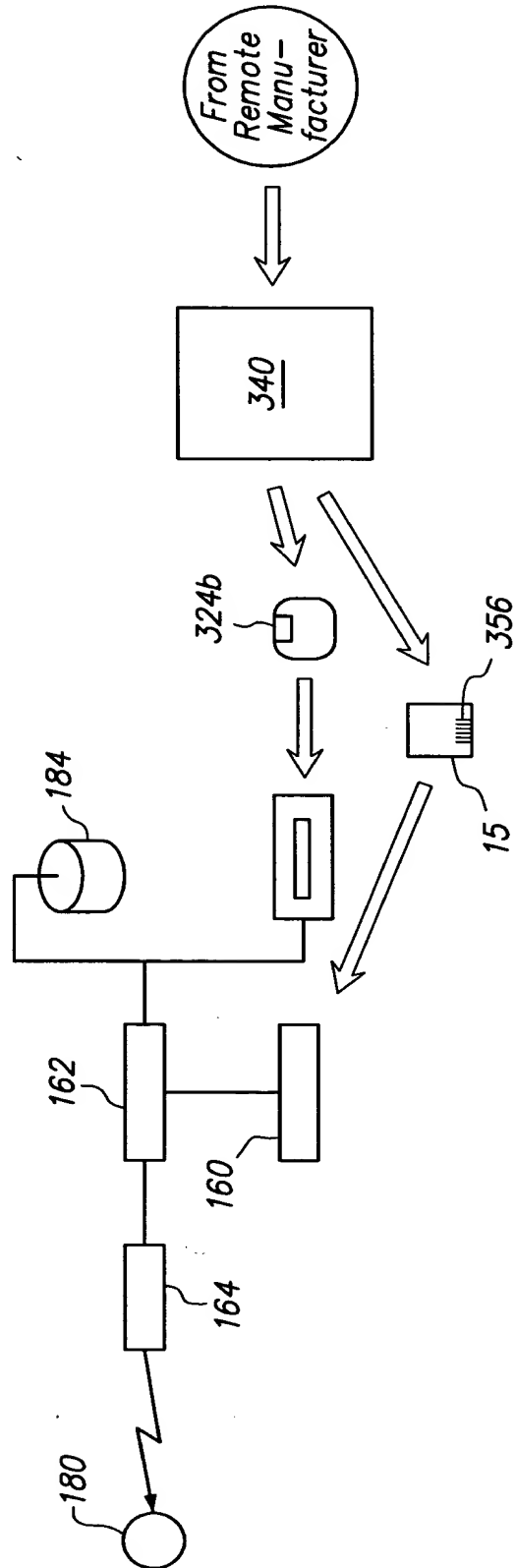
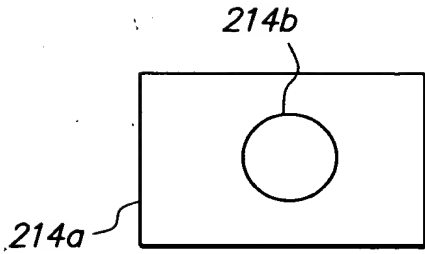


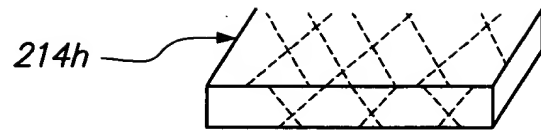
FIG. 4

FIG. 5

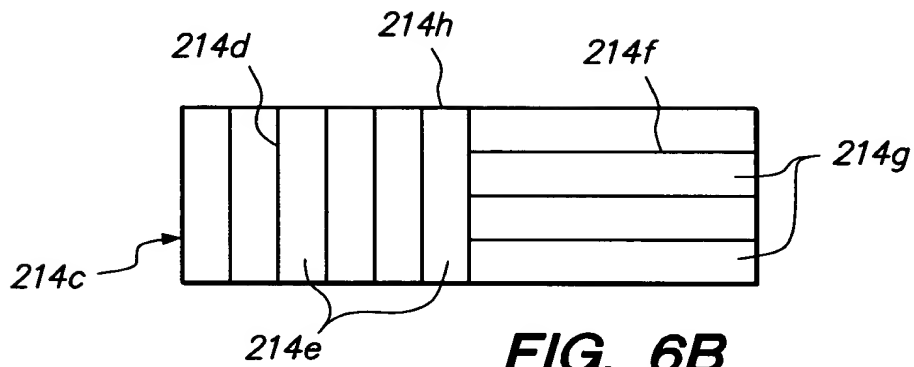




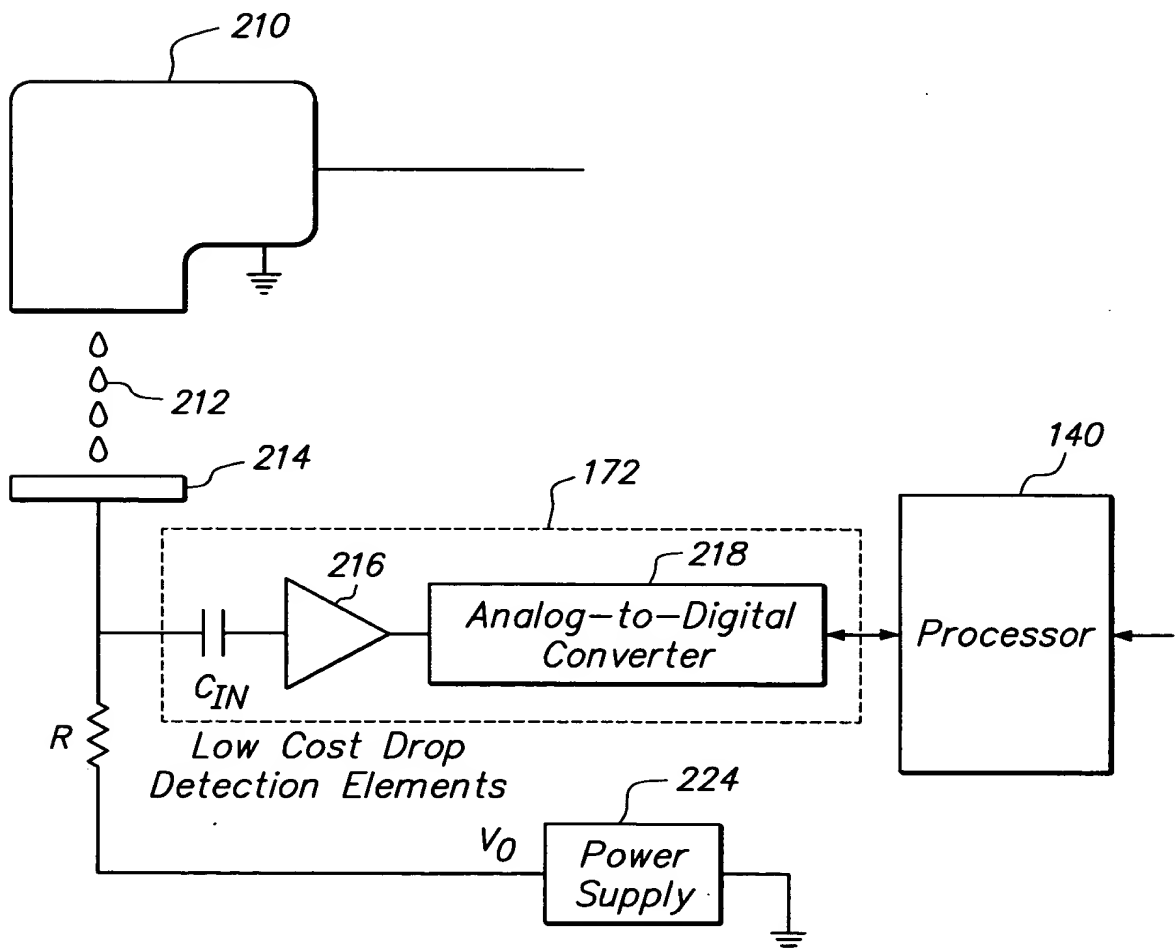
**FIG. 6A**



**FIG. 6C**



**FIG. 6B**



**FIG. 7**